

WHAT IS CLAIMED IS:

1. A film key sheet comprising a resin film, having a key portion including a key top protruding therefrom, wherein a film removal hole whose hole edge portion is raised from a surface of the resin film pierces through the resin film at a position where the key top protrude therefrom, the hole edge portion of the film removal hole being secured to a side surface of the key top.
2. A film key sheet according to claim 1, wherein protruding flow passages are formed in the resin film, through which the protruding flow passages communicate with the film removal hole and allow flowing of a molten molding resin forming the key top inside molds, and wherein residual portions are formed on the key top for allowing the molten molding resin to cure in the protruding flow passages to be secured to the resin film.
3. A film key sheet according to claim 2, wherein the protruding flow passages are formed wide in the vicinity of the film removal hole.
4. A sheet key film according to claim 2, wherein the key top is formed of a transparent resin film and have a display portion in which characters, figures, and symbols are displayed on a bottom surface, respectively.
5. A film key sheet according to claim 2, further comprising a key top main portion an upper surface and a side surface of which is coated and other key portion in which a display portion indicating characters, figures, and symbols is formed on a back side of the resin film.

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6. A film key sheet according to claim 1, wherein the hole edge portion is secured so as to be substantially flush with the side surface of the key top.

7. A sheet key film according to claim 6, wherein the key top is formed of a transparent resin film and have a display portion in which characters, figures, and symbols are displayed on a bottom surface, respectively.

8. A film key sheet according to claim 6, further comprising a key top main portion an upper surface and a side surface of which is coated and other key portion in which a display portion indicating characters, figures, and symbols is formed on a back side of the resin film.

9. A sheet key film according to claim 1, wherein the key top is formed of a transparent resin film and have a display portion in which characters, figures, and symbols are displayed on a bottom surface, respectively.

10. A film key sheet according to claim 9, further comprising a key top main portion an upper surface and a side surface of which is coated and other key portion in which a display portion indicating characters, figures, and symbols is formed on a back side of the resin film.

11. A film key sheet according to claim 1, further comprising a key top main portion an upper surface and a side surface of which is coated and other key portion in which a display portion indicating characters, figures, and symbols is

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formed on a back side of the resin film.

12. A method of manufacturing a film key sheet having a key top formed of a resin protruding from a resin film, comprising:

executing a drawing process for raising from a surface of the resin film a hole edge portion of a film removal hole piercing through the resin film at a position where the key top protrudes therefrom; and

injection molding in which the resin film is placed in injection molds of the key top, with the hole edge portion facing an inner surface of a cavity corresponding to the configuration of the key top and in which a molten molding resin is poured into the cavity through the film removal hole to form the key top.

13. A method of manufacturing a film key sheet according to claim 12, further comprising forming, in the resin film, protruding flow passages allowing a molten molding resin to flow from a side gate of a mold to the film removal hole.

14. A method of manufacturing a film key sheet according to claim 13, wherein in forming the protruding flow passages, the protruding flow passages are formed so as to be wider on the film removal hole side than on the side gate side.

15. A method of manufacturing a film key sheet according to claim 12, further comprising, forming, in the resin film, the protruding flow passages allowing the molten molding resin to flow from the film removal hole to an air vent of the mold.

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16. A method of manufacturing a film key sheet according to claim 15, wherein in forming the protruding flow passages, the protruding flow passages are formed so as to be wider on the film removal hole side than on the air vent side.

17. A method of manufacturing a film key sheet according to claim 12, wherein a display portion indicating characters, figures, symbols, etc. is formed on other key top protruding portion on a back side of the resin film, and in the drawing, a drawing process for raising other key top portion in a shape of the key top from the surface of the resin film simultaneously performed.

18. A method of manufacturing a film key sheet according to claim 17, wherein in the injection molding, the molten molding resin is also poured into the other key top portion raised in the shape of the key top to simultaneously form the key top main body portion on the back side of the resin film.

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